

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

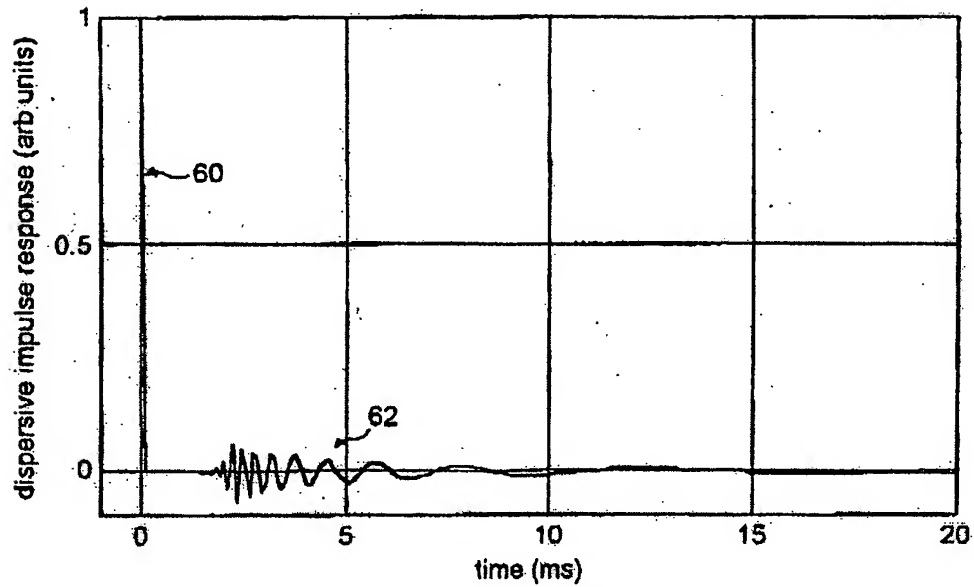
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

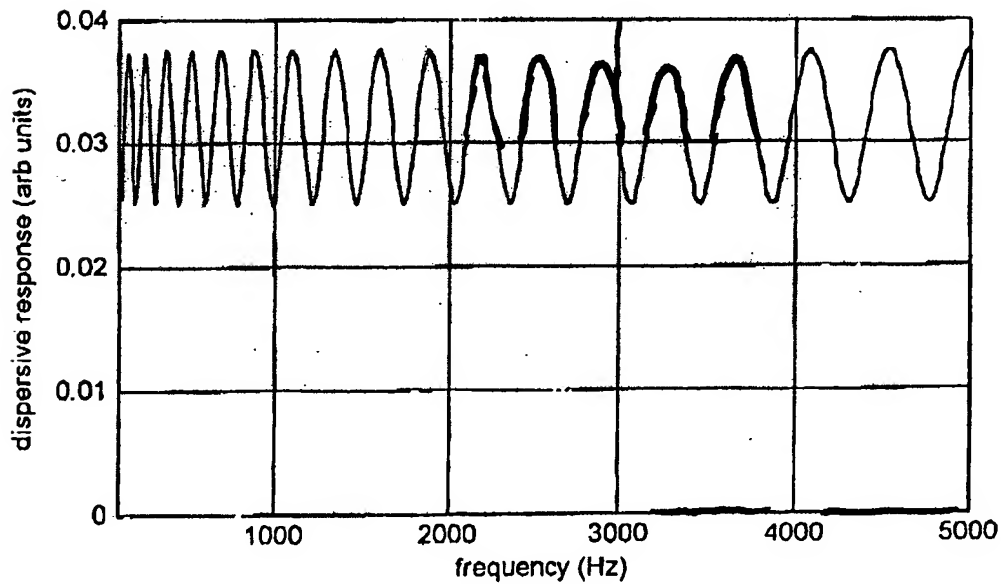
**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

First Named Inventor: Nicholas P. R. Hill et al.
Case No.: 59458US002
Title: TOUCH SENSITIVE DEVICE EMPLOYING IMPULSE
RECONSTRUCTION



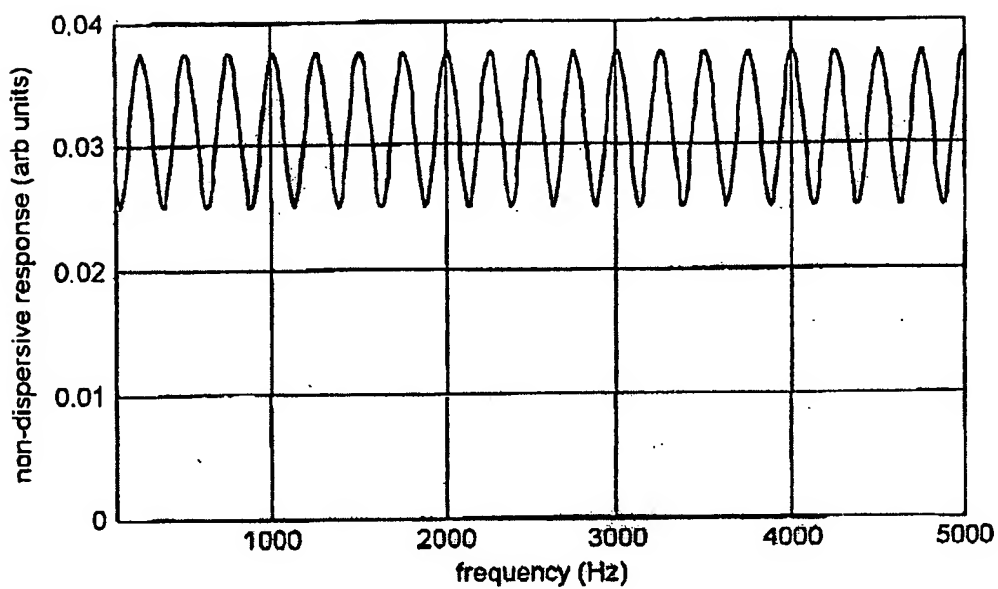
Graph of a dispersive impulse response

FIG. 1a



Graph of a dispersive frequency response

FIG. 1b



Graph of a non-dispersive frequency response

FIG. 1c

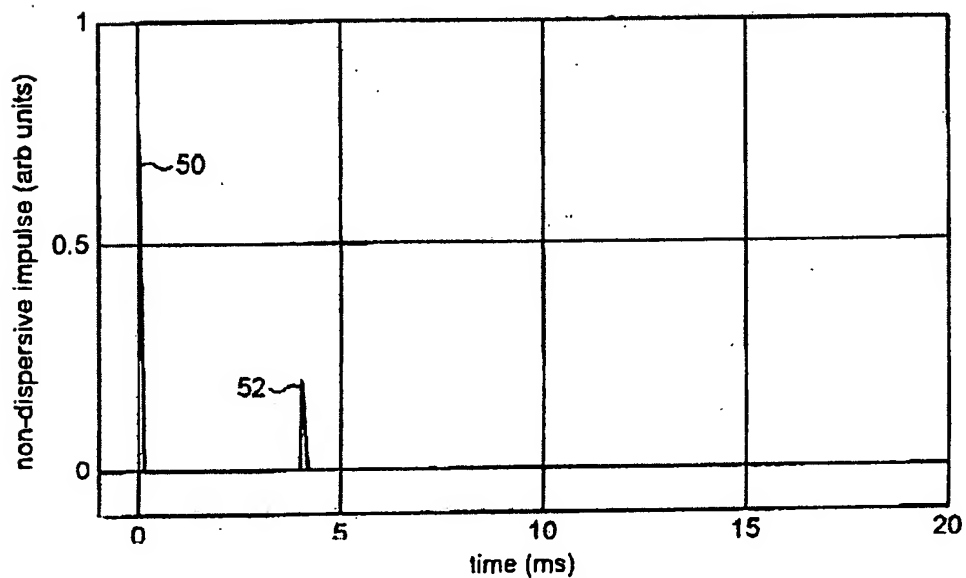


FIG. 1d

FIG. 2

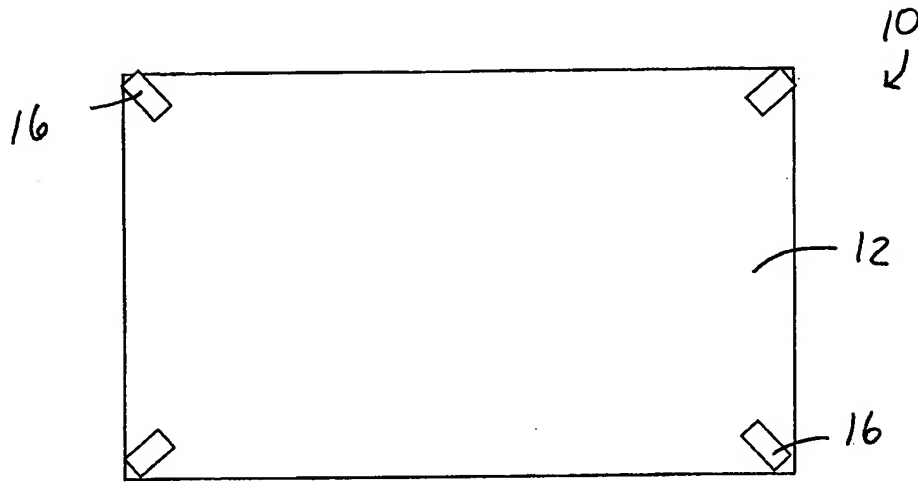
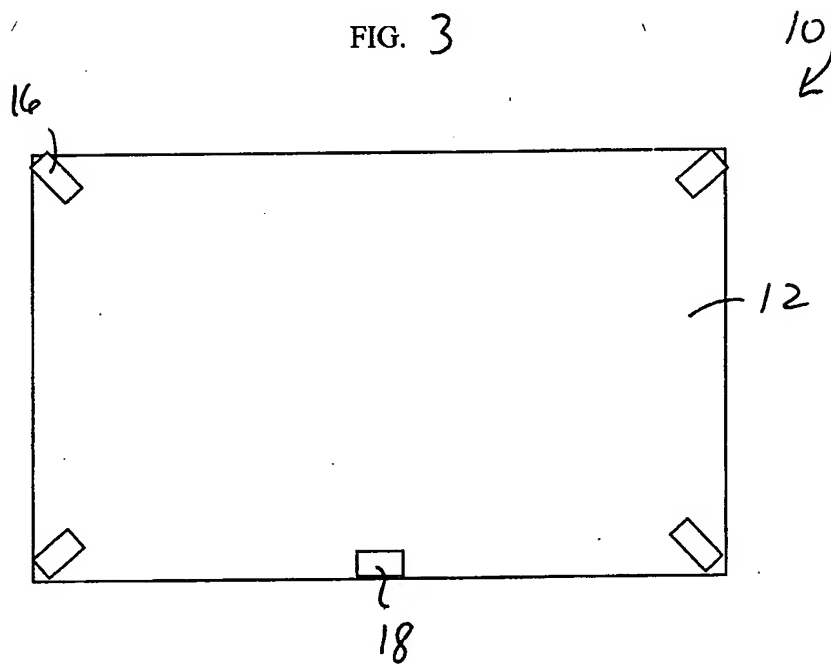
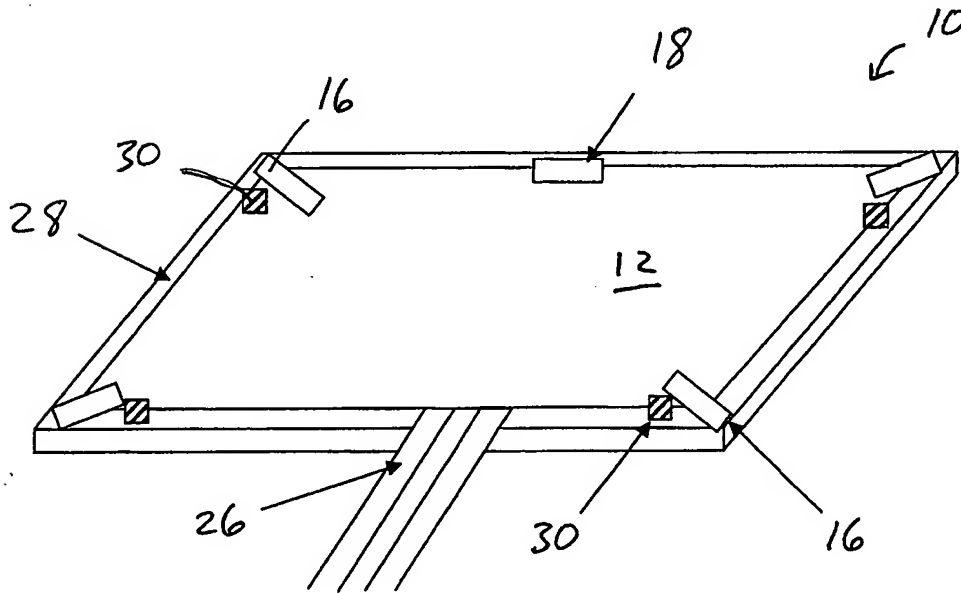
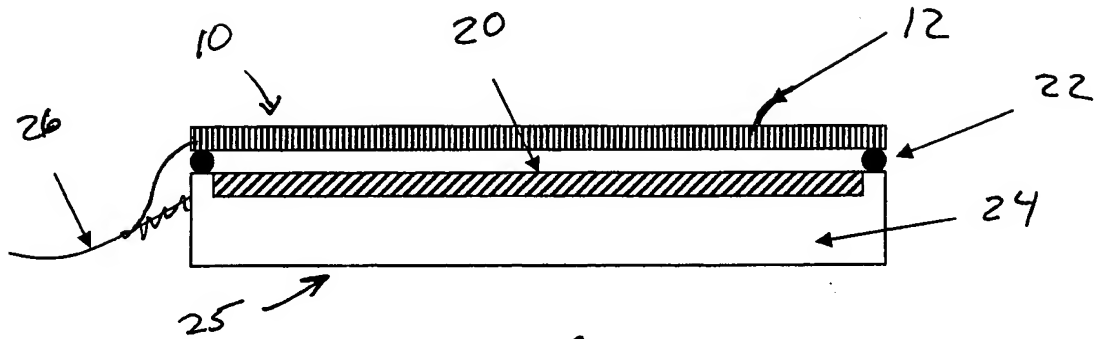


FIG. 3





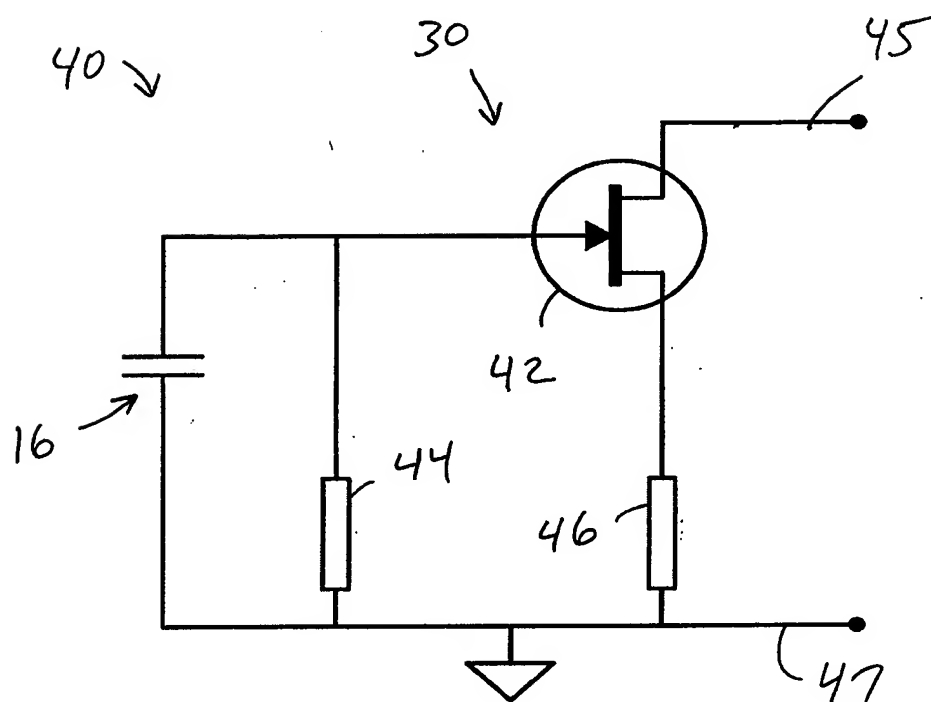


FIG. 5

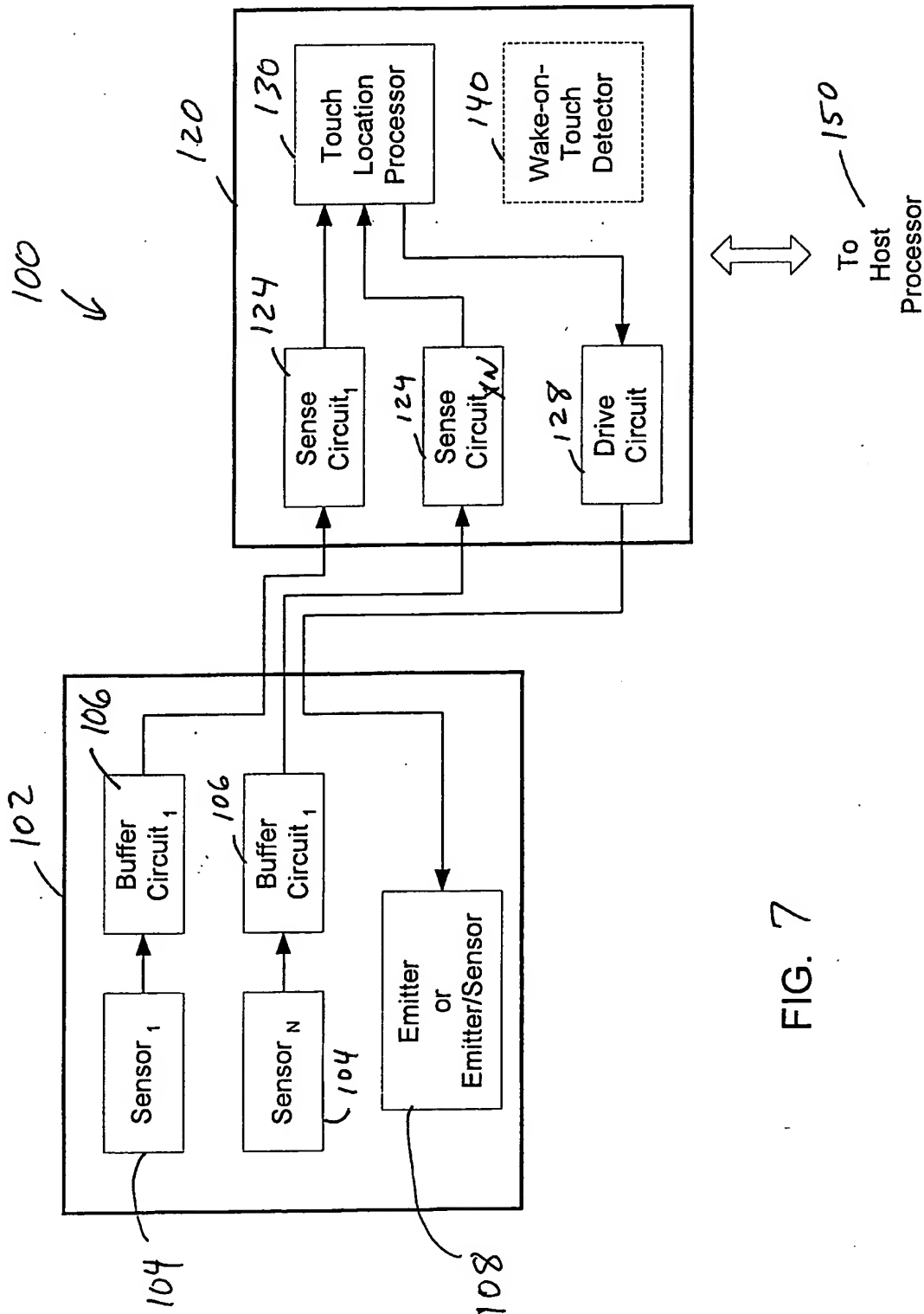


FIG. 7

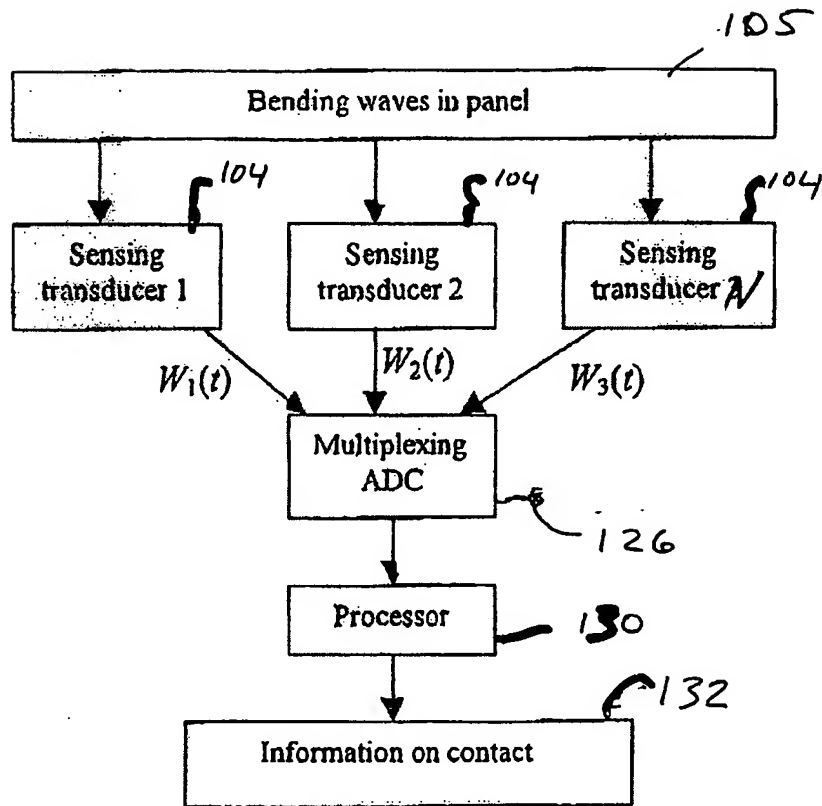


FIG. 8

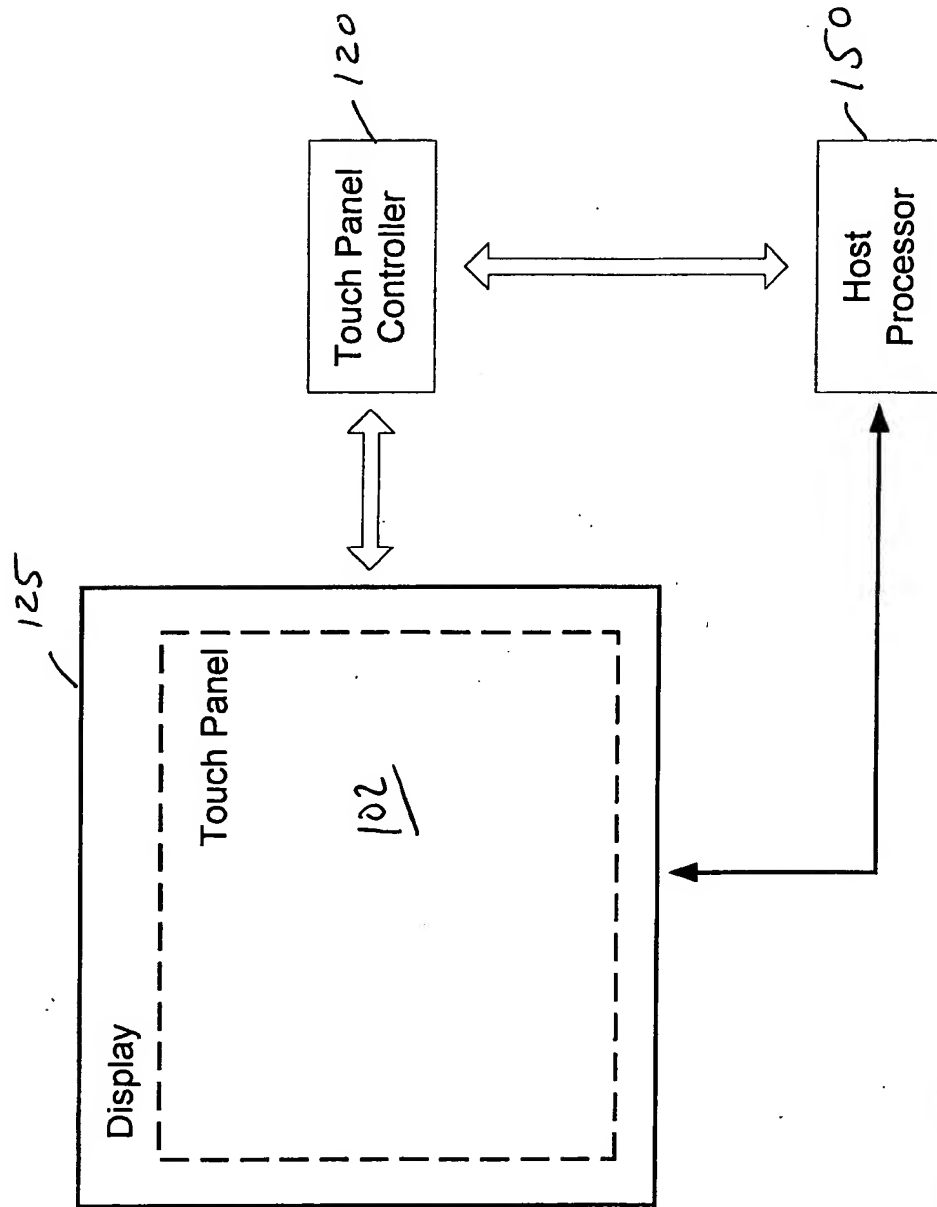


FIG. 9

10
FIG. 5B

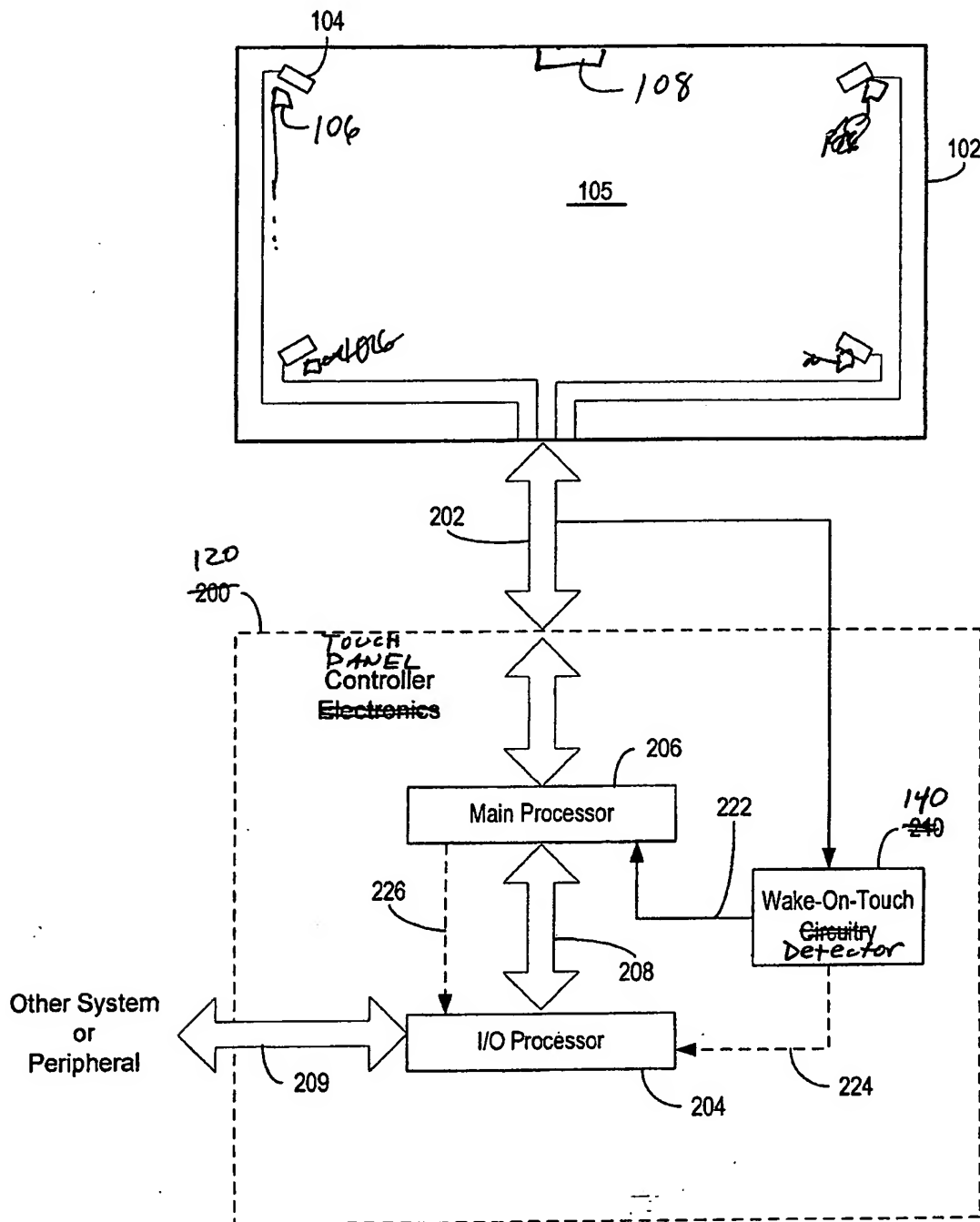


FIG. 11

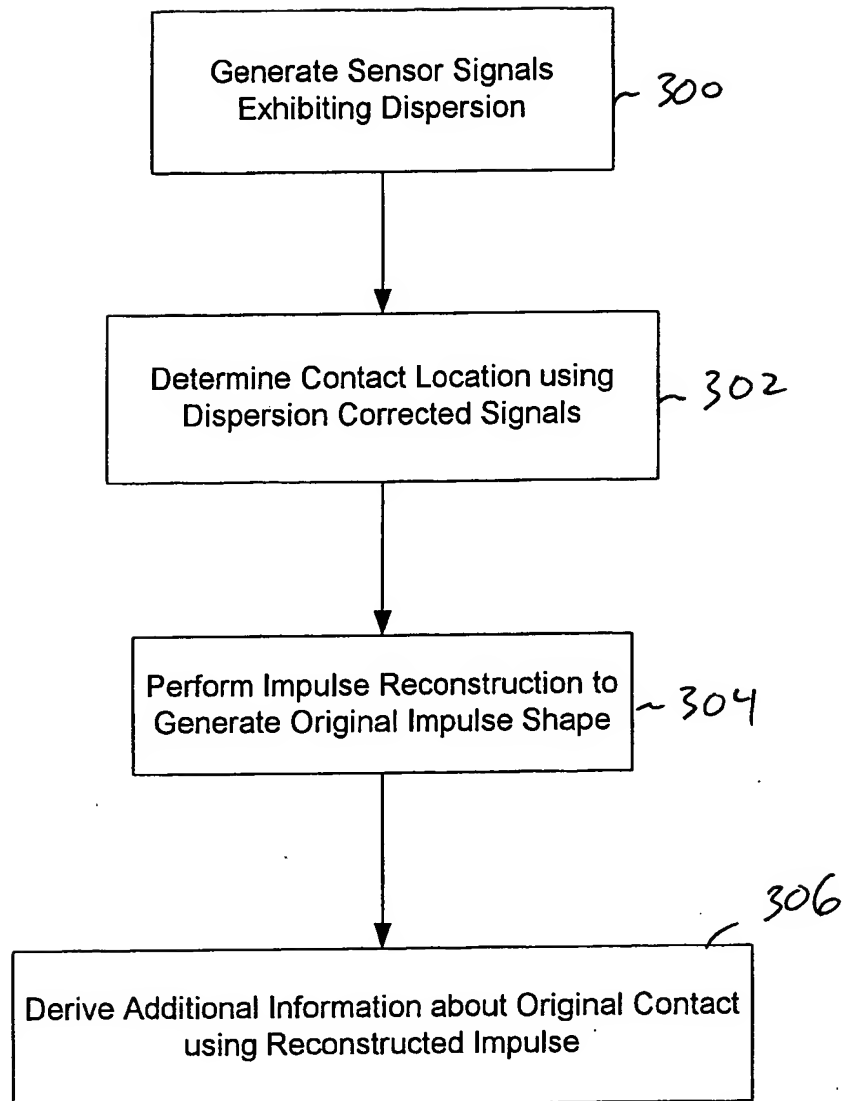


FIG. 12

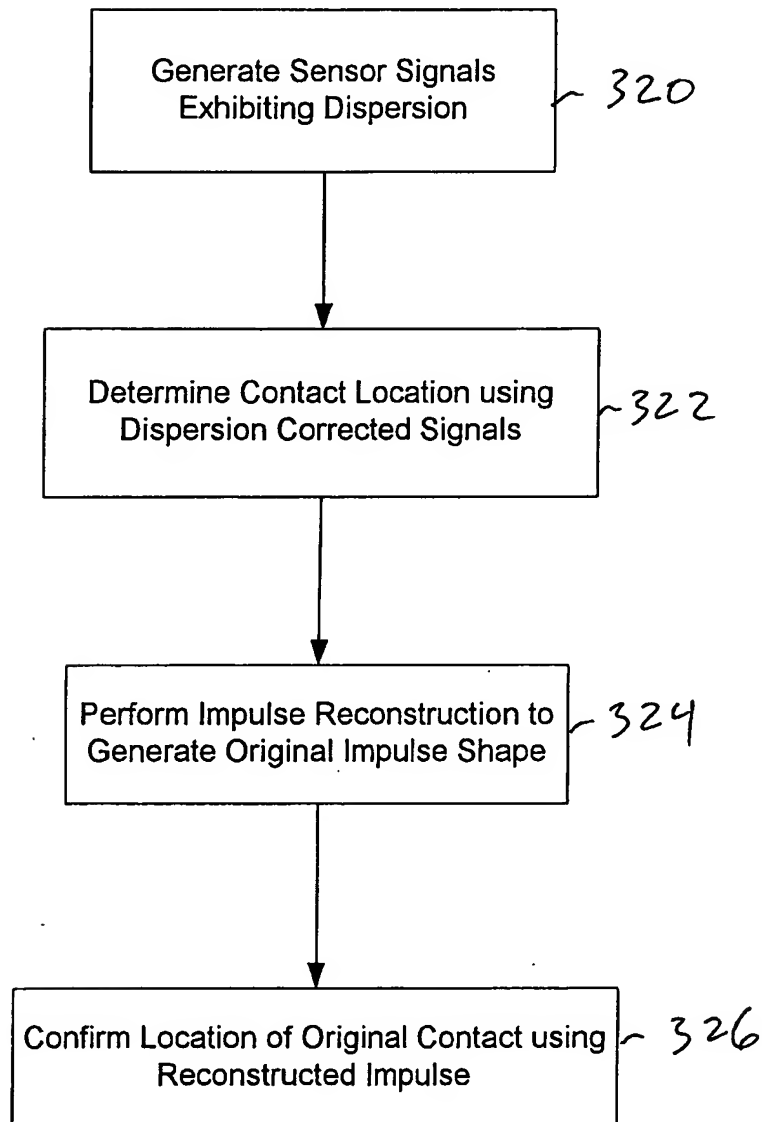


FIG. 13

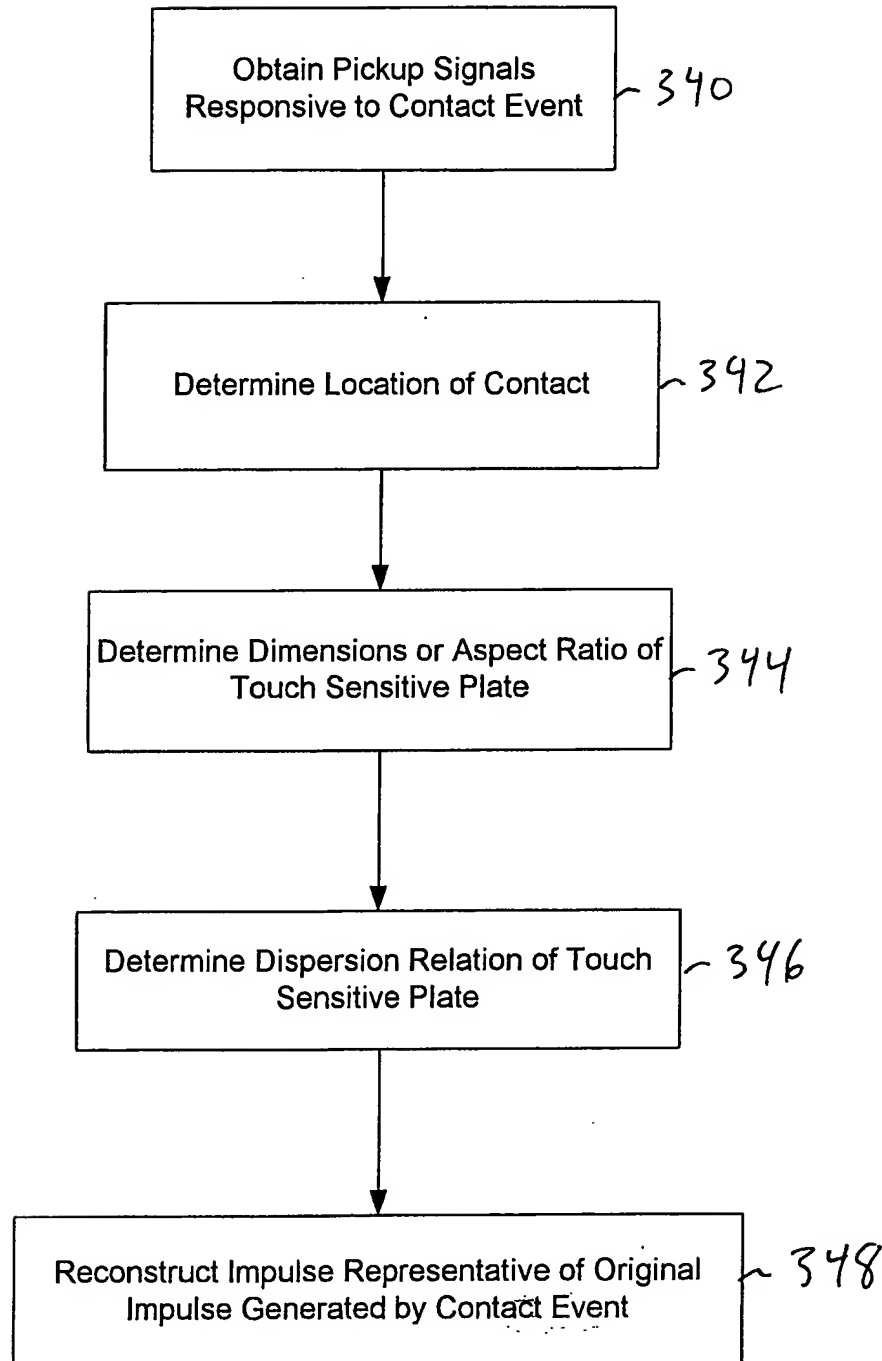


FIG. 14

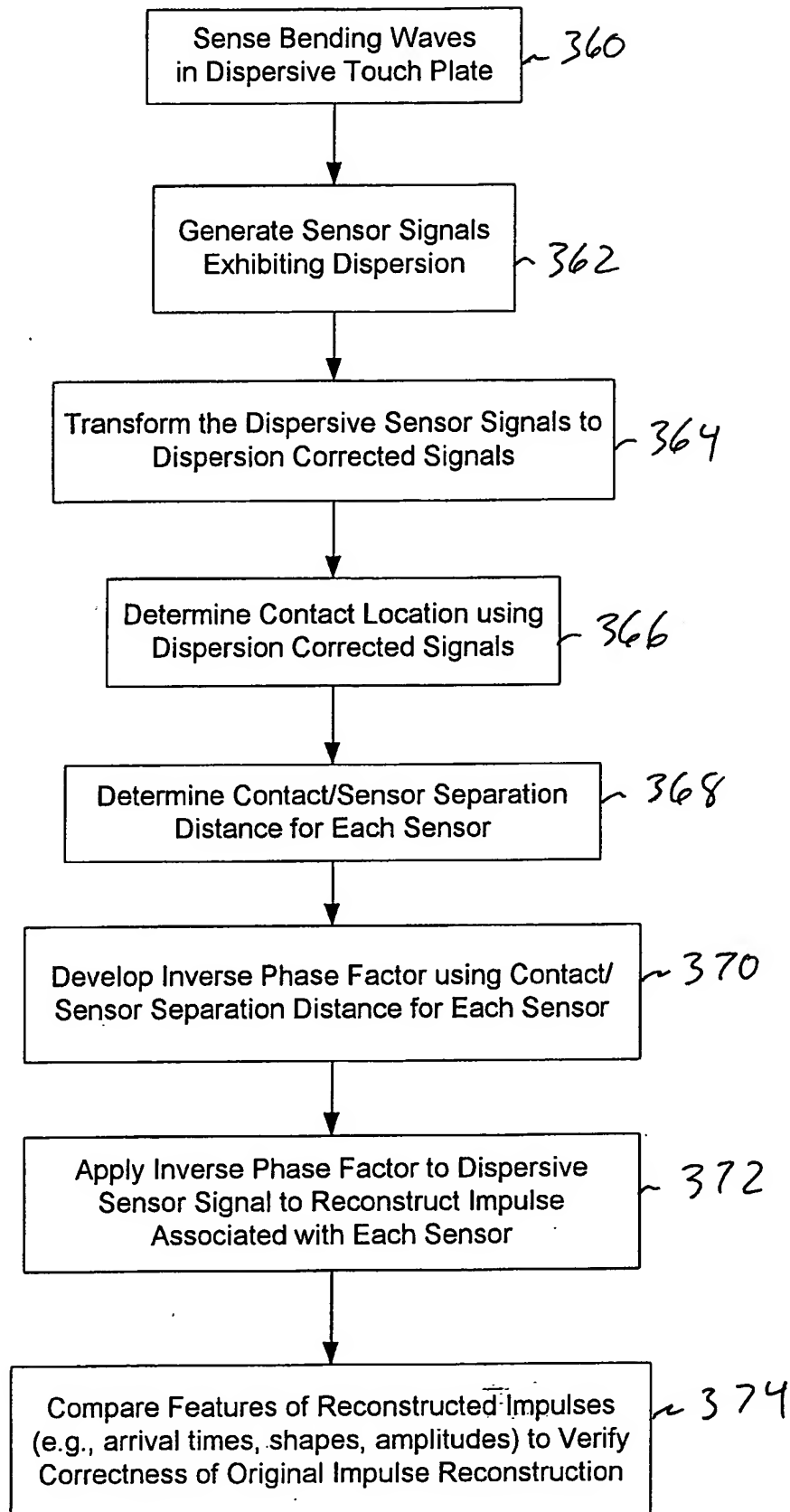
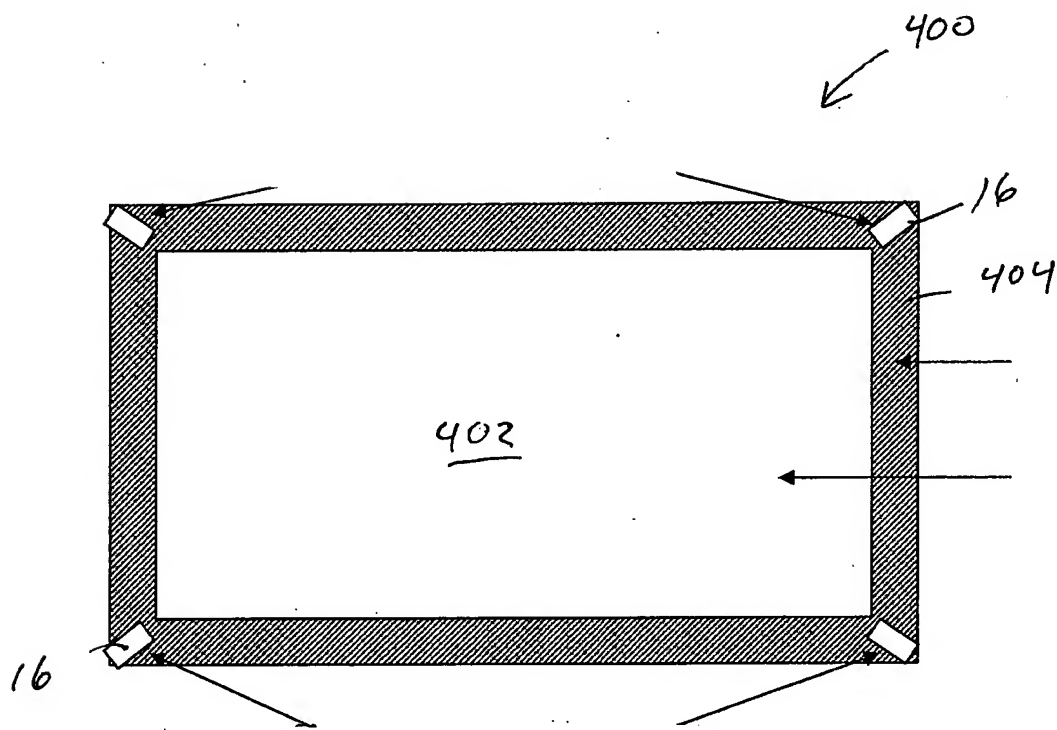
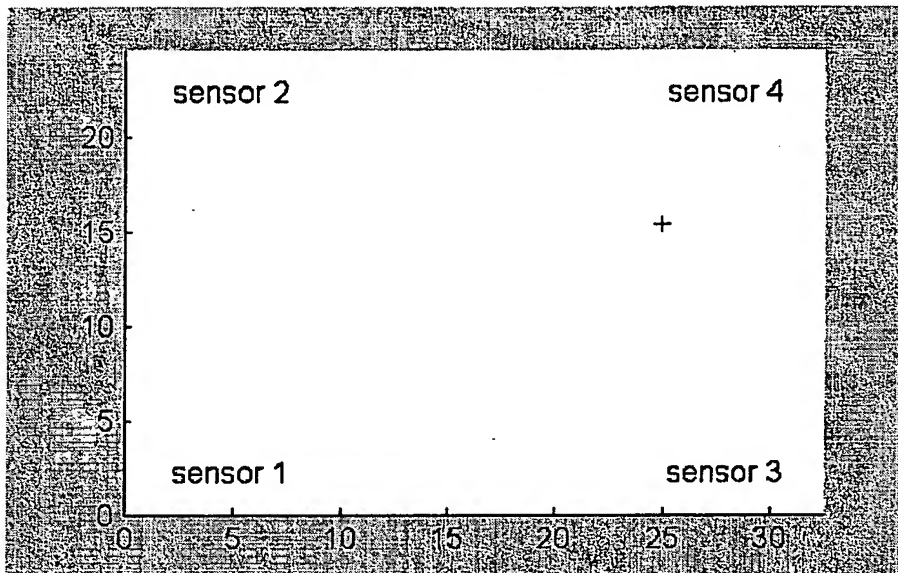


FIG 15



First Named Inventor: Nicholas P. R. Hill et al.
Case No.: 59458US002
Title: TOUCH SENSITIVE DEVICE EMPLOYING IMPULSE
RECONSTRUCTION

FIG. 16



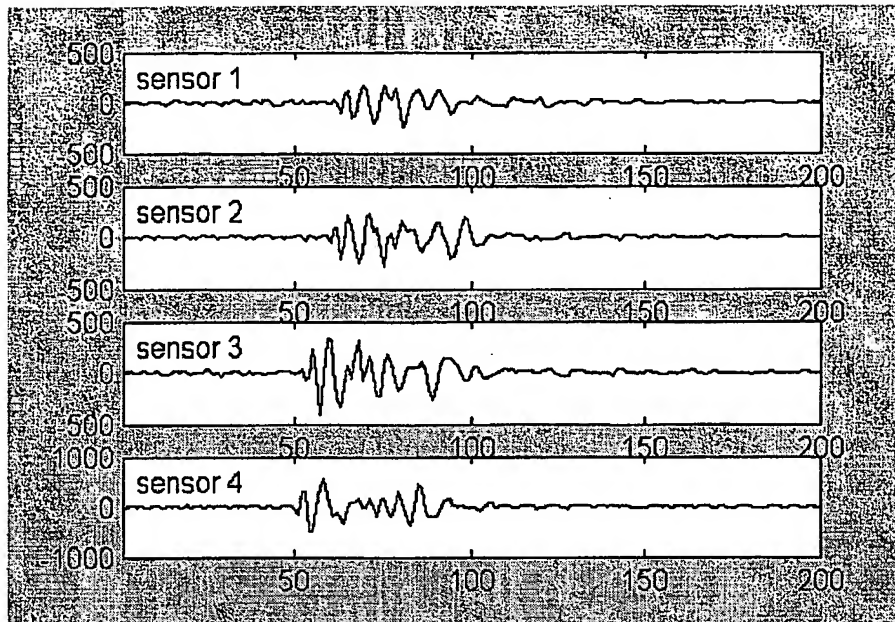


FIG. 17

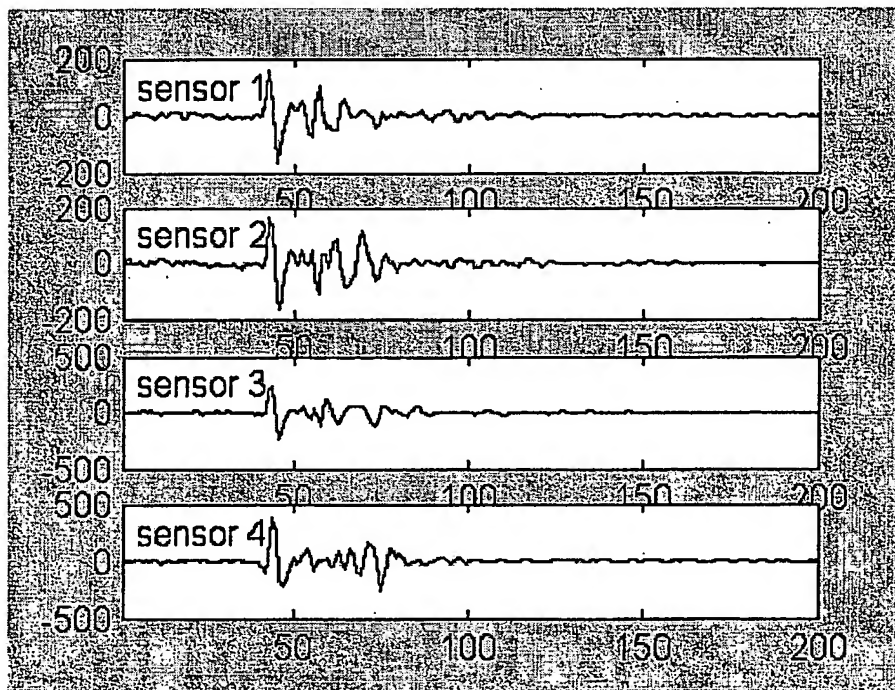


FIG. 18

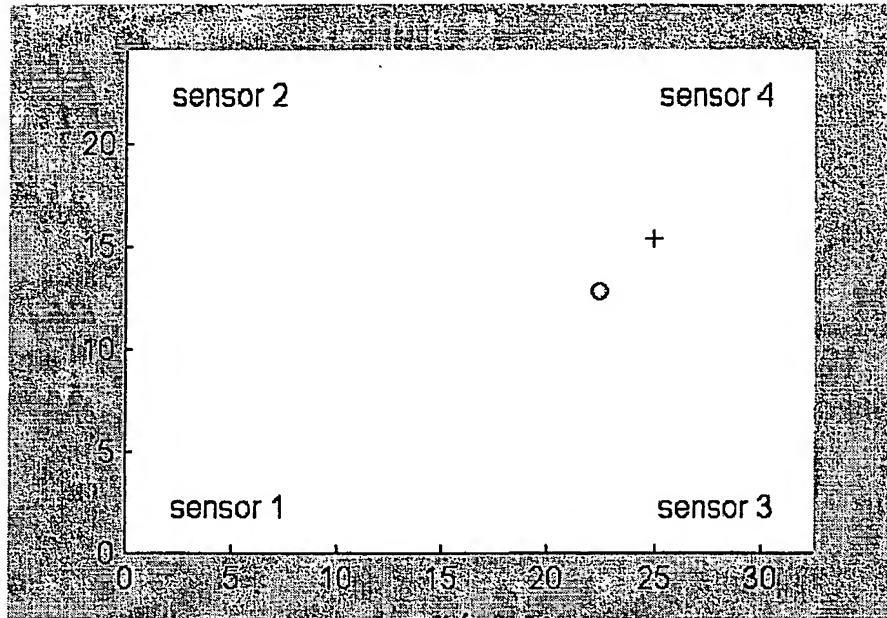


FIG. 19

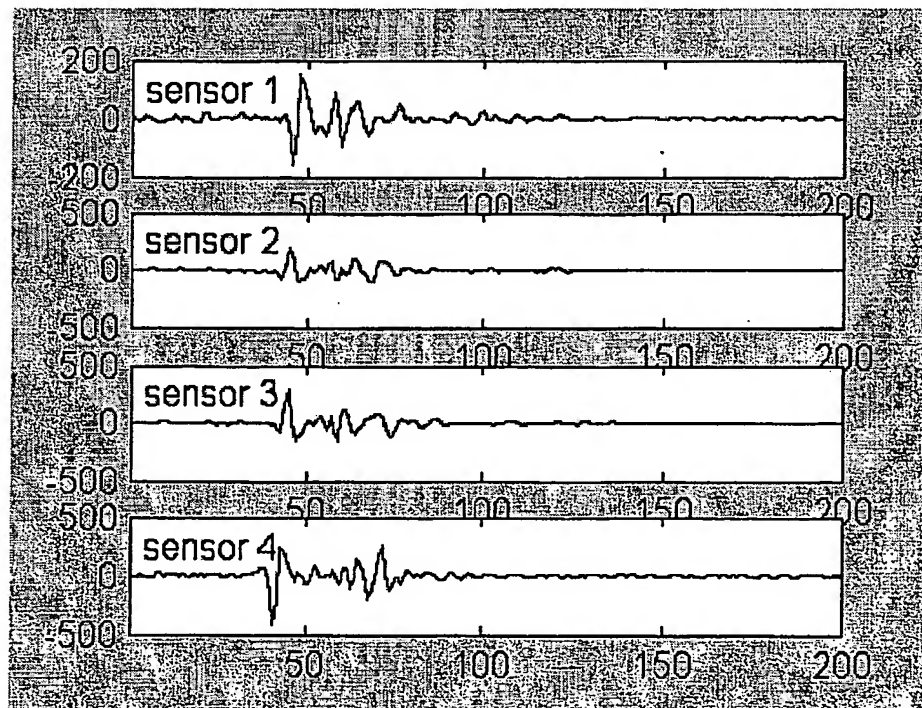
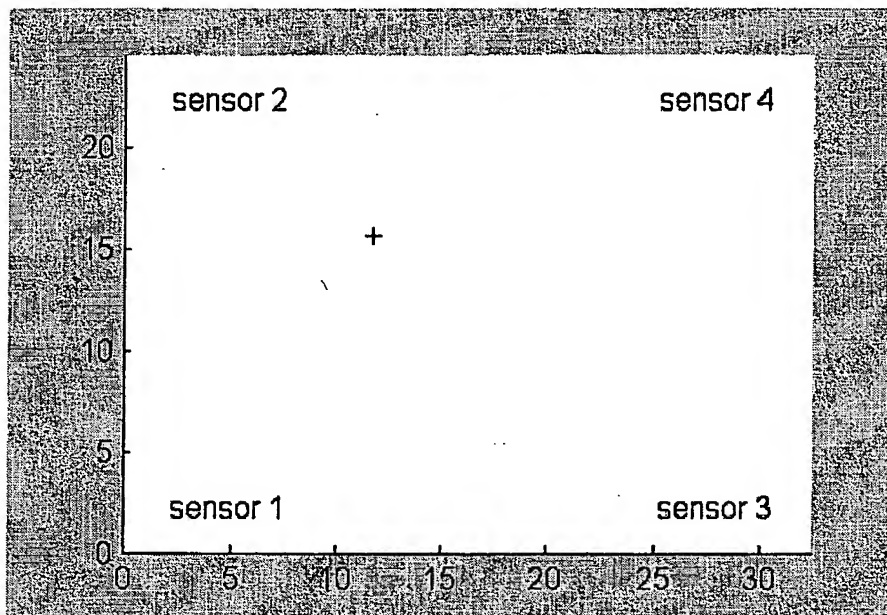


FIG. 20

F/6. 21



First Named Inventor: Nicholas P. R. Hill et al.

Case No.: 59458US002

Title: TOUCH SENSITIVE DEVICE EMPLOYING IMPULSE
RECONSTRUCTION

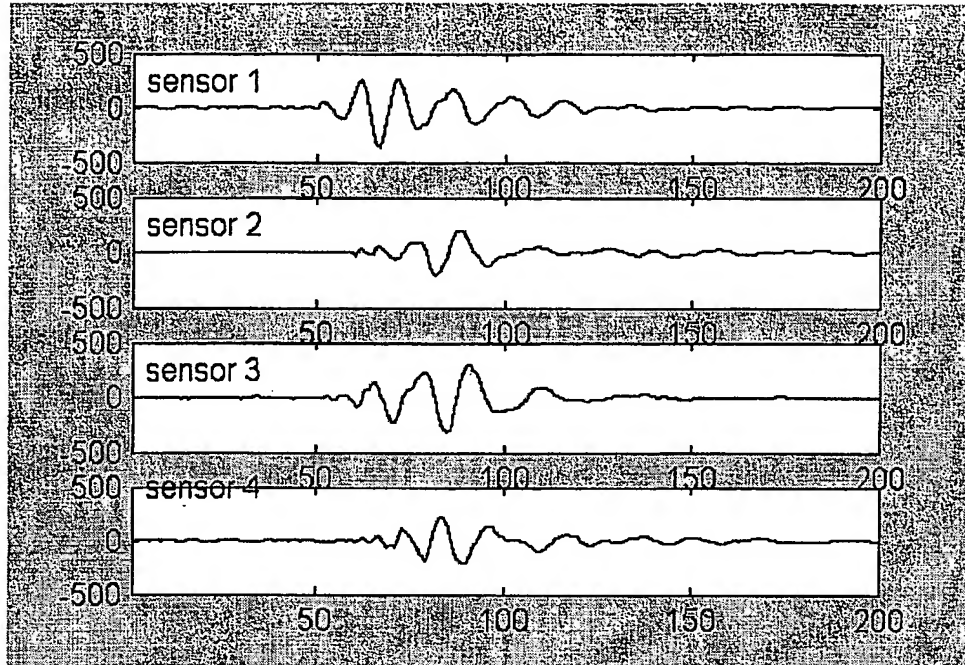


FIG. 22

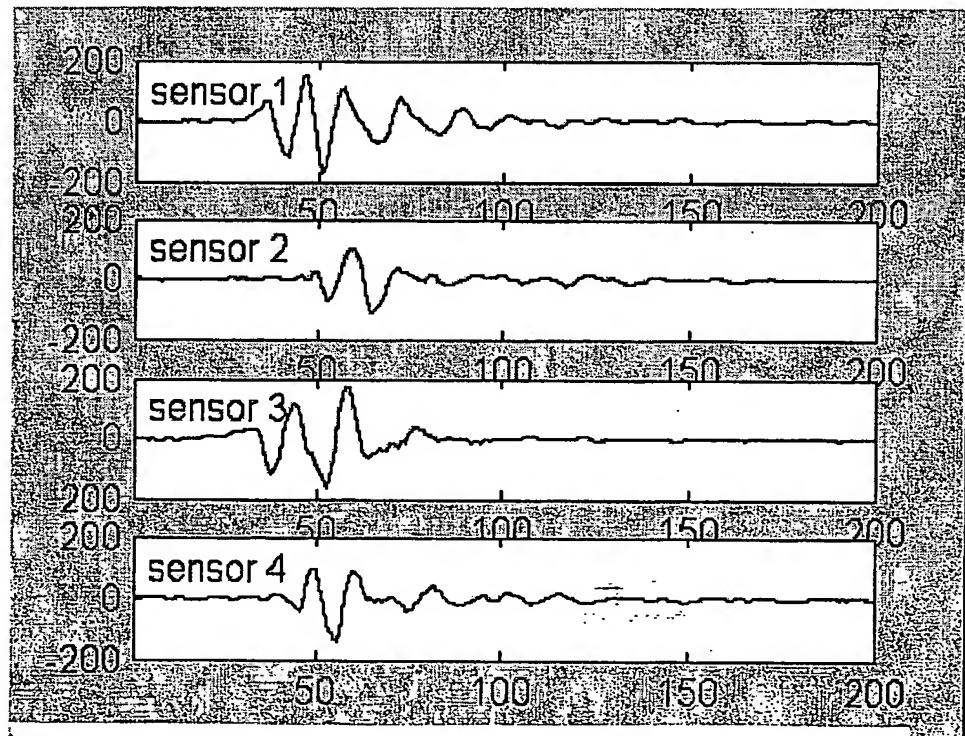
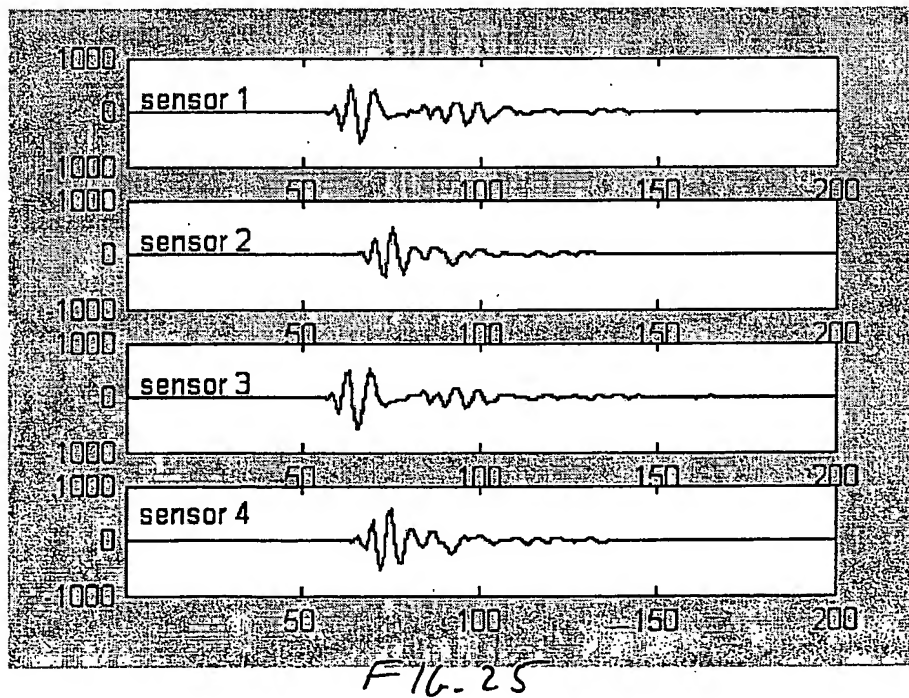
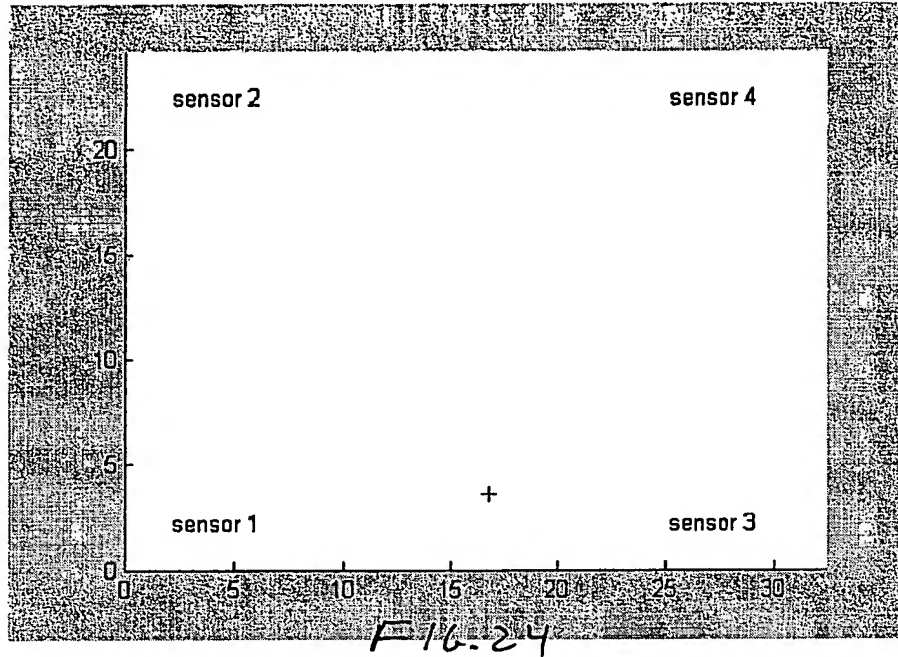


FIG. 23



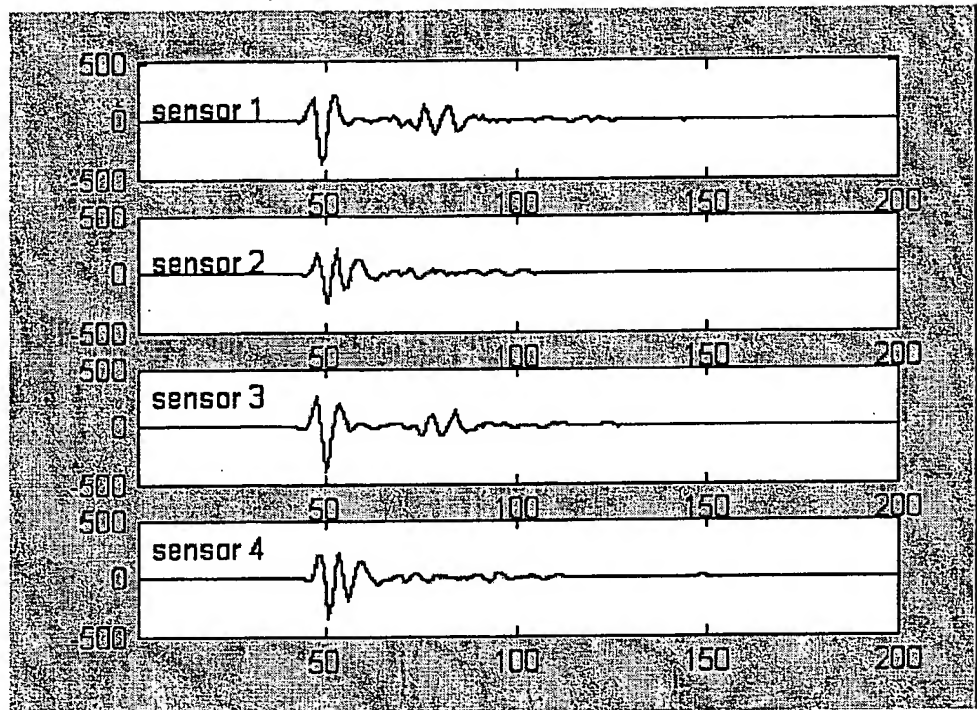


FIG. 26

First Named Inventor: Nicholas P. R. Hill et al.

Case No.: 59458US002

Title: TOUCH SENSITIVE DEVICE EMPLOYING IMPULSE
RECONSTRUCTION

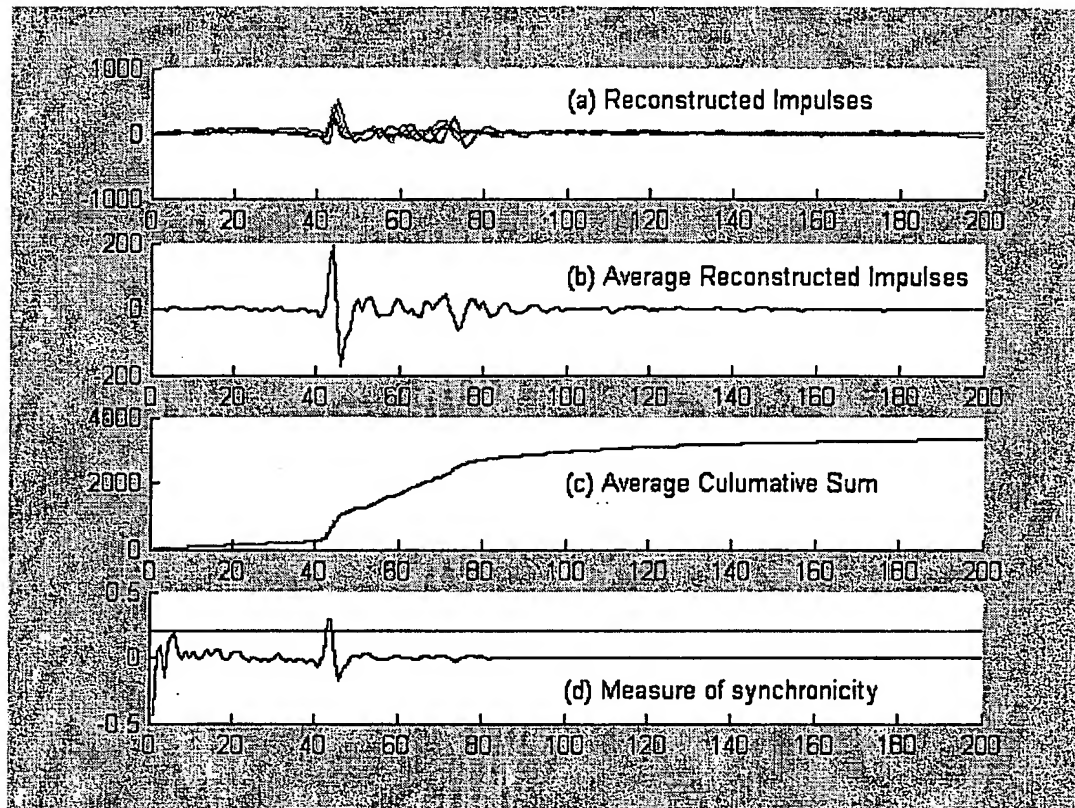
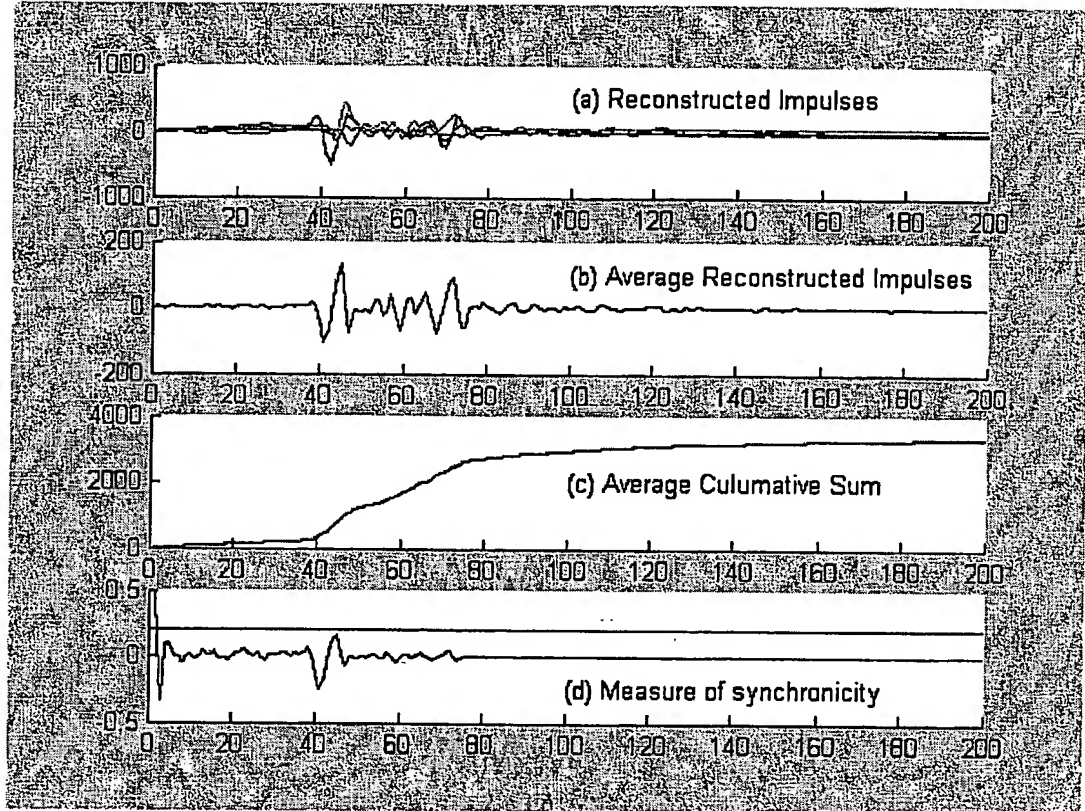


FIG 27

First Named Inventor: Nicholas P. R. Hill et al.

Case No.: 59458US002

Title: TOUCH SENSITIVE DEVICE EMPLOYING IMPULSE
RECONSTRUCTION



F16-28

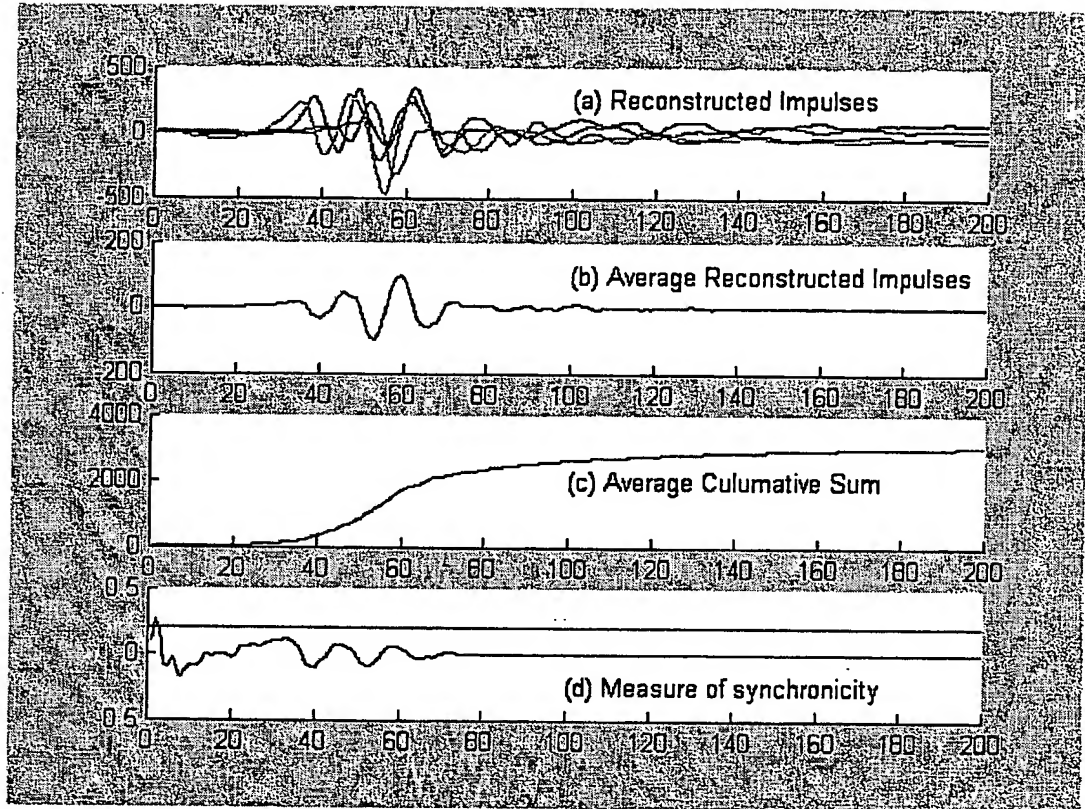


FIG. 29

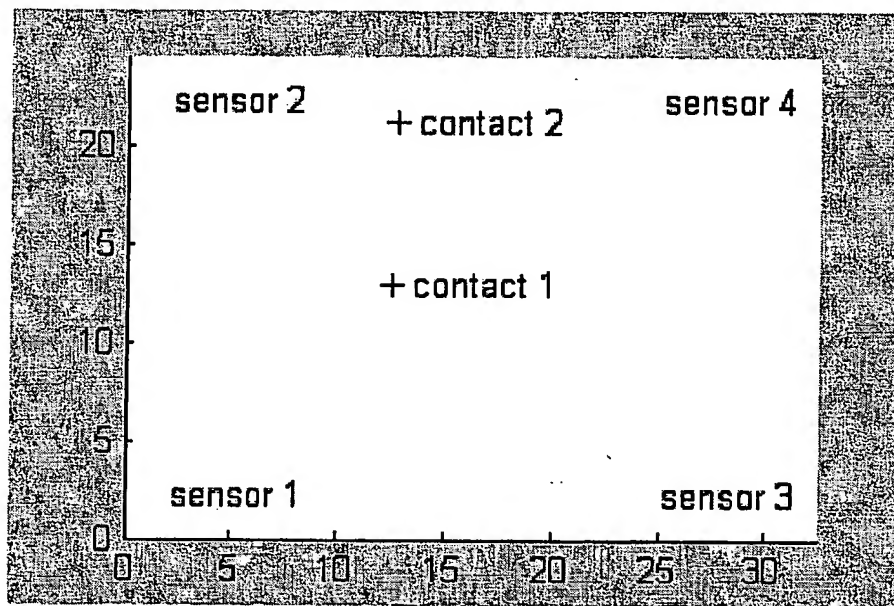


FIG 30

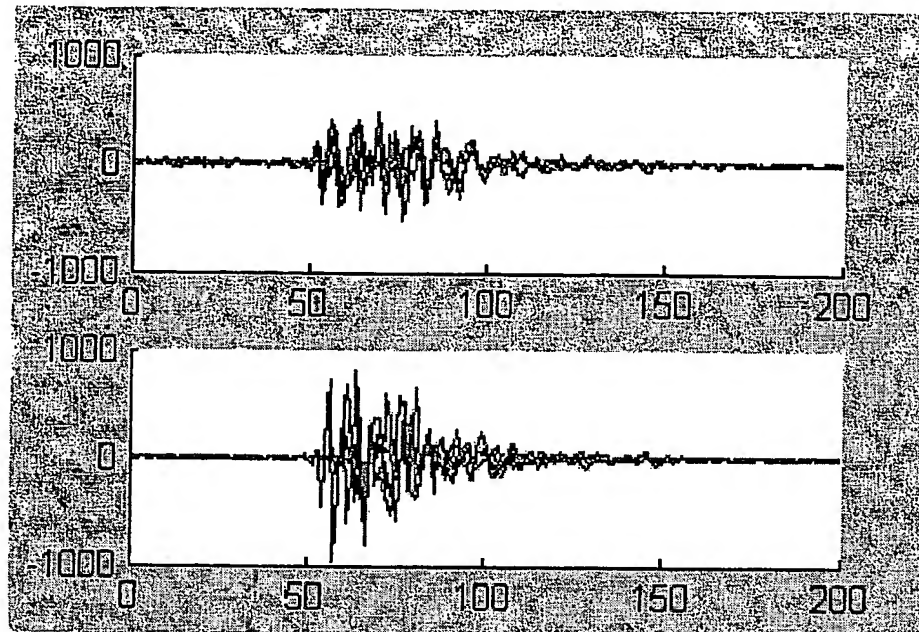


FIG. 31

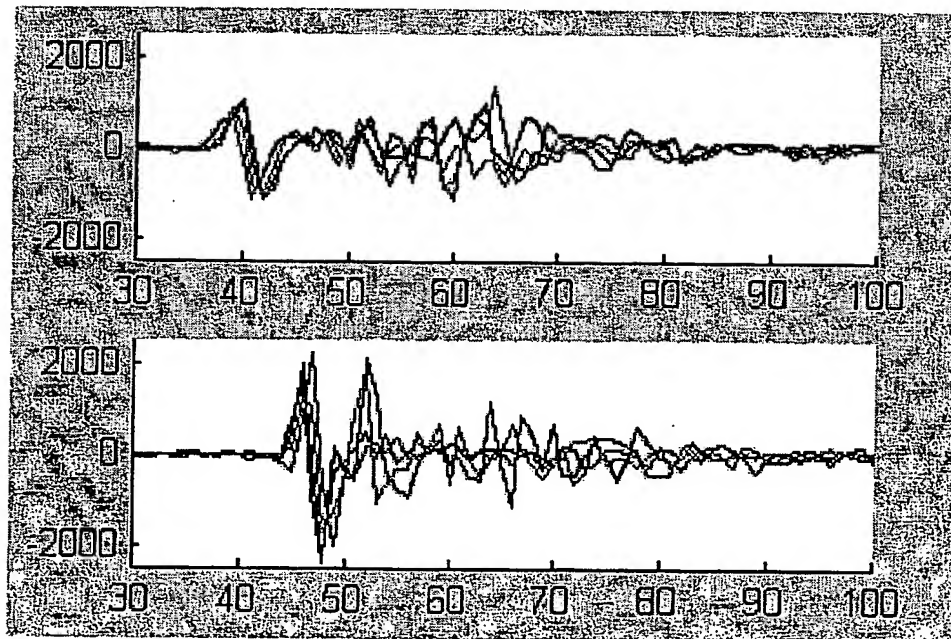


FIG. 32